



13281 U.S. PTO

Atty. Dkt. No. 024536-0143

22278 U.S. PTO
10/830065



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Akira KIYOMURA et al.
Title: MISFIRE DETECTING APPARATUS FOR INTERNAL COMBUSTION
ENGINE AND METHOD THEREOF
Appl. No.: Unassigned
Filing Date: April 23, 2004
Examiner: Unknown
Art Unit: Unknown

UTILITY PATENT APPLICATION
TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility
patent application of:

Akira KIYOMURA
Masanobu OHSAKI
Hisanori OZAKI

Enclosed are:

- [X] Specification, Claim(s), and Abstract (17 pages).
- [X] Formal drawings (6 sheets, Figures 1-6).
- [X] Declaration and Power of Attorney (4 pages).
- [X] Assignment of the invention to HITACHI UNISIA AUTOMOTIVE, LTD.
and FUJI HEAVY INDUSTRIES LTD.
- [X] Assignment Recordation Cover Sheet.
- [X] Information Disclosure Statement.

- ☒ Form PTO/SB/08 with copies of 2 listed reference(s).
- ☒ Application Data Sheet (37 CFR 1.76).
- ☒ Claim for Convention Priority with 1 certified Japanese priority document.

The filing fee is calculated below:

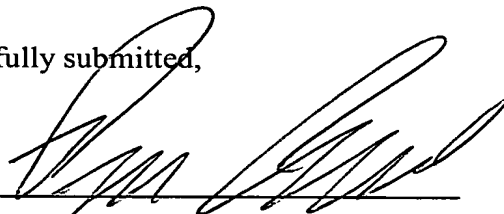
	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$770.00	=	\$770.00
Total	19	-	20	= 0	x		\$18.00	=	\$0.00
Claims:									
Independents	3	-	3	= 0	x		\$86.00	=	\$0.00
:									
If any Multiple Dependent Claim(s) present:					+		\$290.00	=	\$0.00
							SUBTOTAL:	=	\$770.00
[]							Small Entity Fees Apply (subtract ½ of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$770.00
Assignment Recordation Fee:					+		\$40.00	=	\$40.00
TOTAL FEE								=	\$810.00

- ☒ A check in the amount of \$810.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By

A handwritten signature in black ink, appearing to read 'P. Agarwal', is written over a horizontal line.

Pavan K. Agarwal
Attorney for Applicant
Registration No. 40,888

Date April 23, 2004

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 945-6162
Facsimile: (202) 672-5399